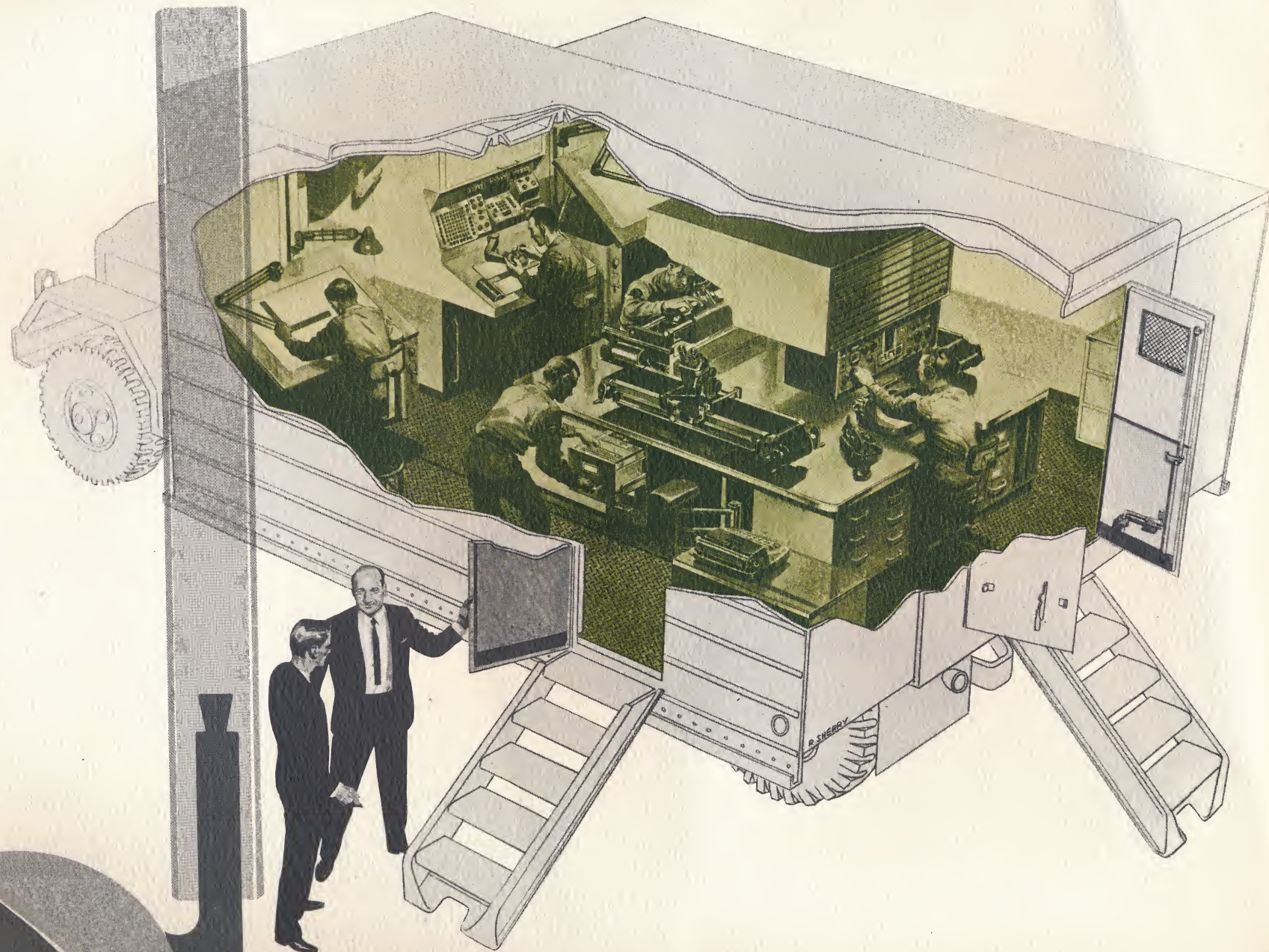


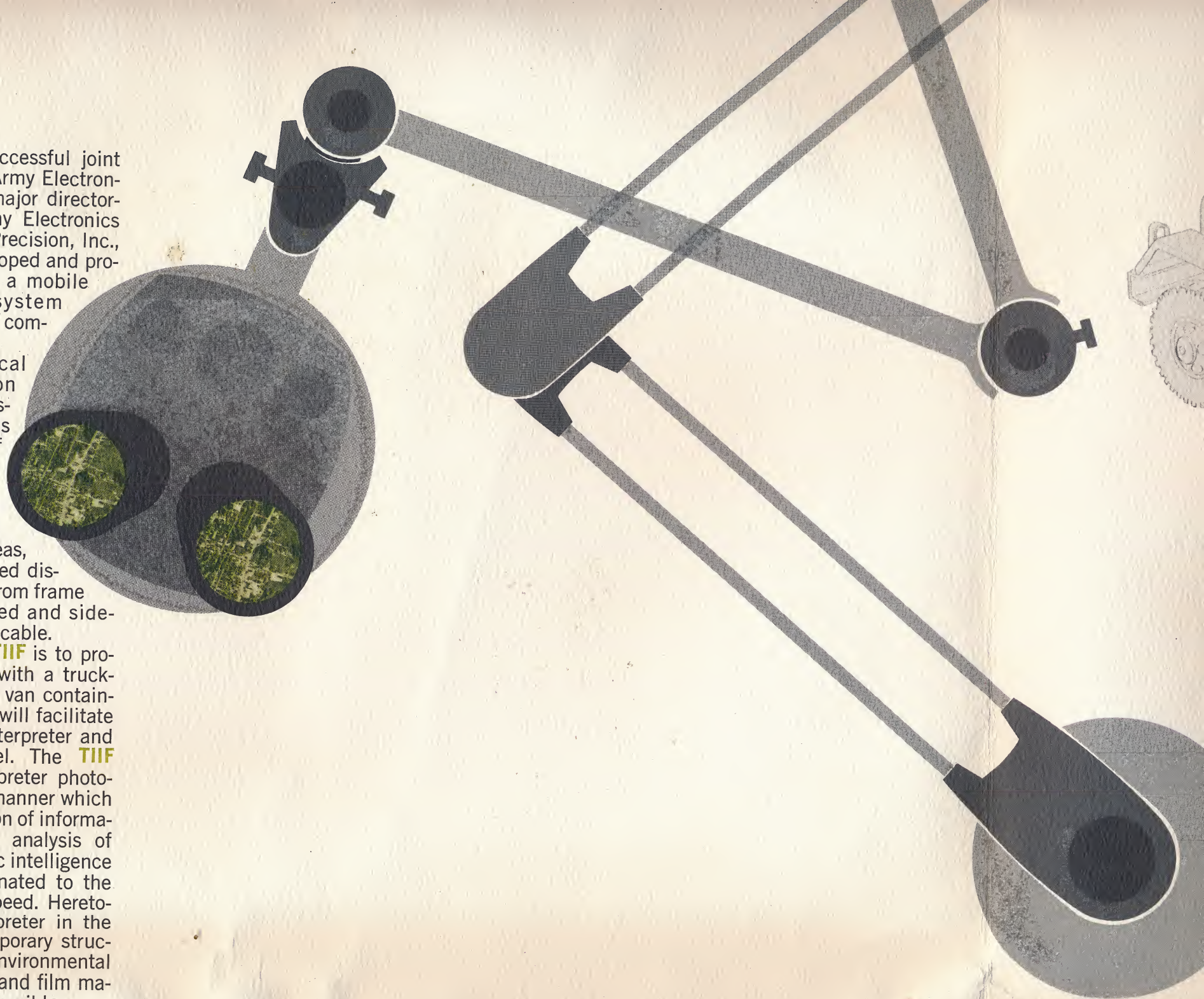


In the T-11F, the equipment and film media environment are well controlled, which allows accurate analysis, mensuration, etc. Photo interpreter, communication specialists, and intelligence officers sta-

In a significantly successful joint effort with the U. S. Army Electronics Laboratories, a major directorate of the U.S. Army Electronics Command, General Precision, Inc., Link Group has developed and produced four units of a mobile photogrammetric system which can be used in combat areas.

Known as the Tactical Image Interpretation Facility (TIIF), the system provides a means for fast extraction of intelligence information from reconnaissance imagery. Such information as the height of objects, areas, straight-line and curved distances can be found from frame photographs, infra-red and side-looking radar, as applicable.

The purpose of the TIIF is to provide the Field Army with a truck-mounted, expandable van containing equipment which will facilitate the tasks of photo interpreter and intelligence personnel. The TIIF presents to the interpreter photographic imagery in a manner which expedites the extraction of information and subsequent analysis of data. The photographic intelligence data is then disseminated to the Field Army at high speed. Heretofore, the photo interpreter in the field has utilized temporary structures where close environmental control of equipment and film materials has not been possible.



tioned in the **TIIF** will perform their specific functions utilizing film materials from a variety of airborne and other sensors.

Each system, housed in an Army expandable van (type M-292), is specially designed to be transported over rough terrain. In the fully expanded configuration (operational condition), these vans provide an inside area of nearly 14 ft. by 17 ft. Human factors engineers so designed this area to assure maximum utilization of the facility. It provides not only equipment space, but area for seven work stations, all positioned for efficient work flow. These stations are a communications center, two rapid scanning light tables, two plotting tables, a stereo-viewer scanner, and a viewer computer system which is a combination of an X-Y coordinate measuring system and a modified M-18 FADAC digital computer. This combination is unique for tactical interpretation facilities and provides for high speed, on line computation of a wide variety of photogrammetric problems such as area, height, and distance measurements. This eliminates many of the time consuming manual operations previously required. **The TIIF is field tested and qualified, having been used in Swift Strike and Desert Strike maneuvers.**

For further information on the Tactical Image Interpretation Facility or other advanced tactical and simulation systems, contact Government Sales Department, General Precision, Inc., Link Group, Binghamton, N.Y.

**GP GENERAL
PRECISION INC.**

LINK GROUP

